

Title (en)

Device for confirming the position of branch pipe opening and pipe lining method using the device

Title (de)

Vorrichtung zum Orten des Eintritts einer Abzweigrohrleitung und Rohrauskleidungsverfahren unter Verwendung dieser Vorrichtung

Title (fr)

Dispositif pour repérer la position de l'entrée d'une conduite de dérivation et méthode de revêtement de conduites utilisant ce dispositif

Publication

EP 0891857 A2 19990120 (EN)

Application

EP 98305735 A 19980717

Priority

JP 19364497 A 19970718

Abstract (en)

A device for confirming the position of a branch pipe opening allows a branch pipe opening to be easily located so that a main pipe liner bag can be exactly cut along the branch pipe opening. The device for confirming the position of a branch pipe opening is composed of a holding member having a shape such that the holding member is in close contact with an inner wall of a main pipe when the device is placed in position, and a protrusion formed in a portion of the holding member, wherein the protrusion has an opening substantially conformal to a branch pipe opening, and extends beyond an inner surface or beyond the inner surface and an outer surface of the holding member. The device for confirming the position of a branch pipe opening is introduced into a main pipe, and arranged to position the protrusion of the device at a branch pipe opening. The holding member is closely contacted onto an inner wall of the main pipe to insert the protrusion into the branch pipe opening so that the device is secured within the main pipe. Subsequently, the main pipe is lined using a main pipe liner bag which is composed of a tubular resin absorbent material and an unhardened liquid hardenable resin impregnated in the tubular resin absorbent material. Then, the main pipe liner bag is cut along a mark substantially conformal to the branch pipe opening. The mark is protrusively formed on the main pipe liner bag due to the protrusion of the device for confirming the position of a branch pipe opening. <IMAGE>

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IPC 8 full level

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CPC (source: EP KR)

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Cited by

EP0931639A3; EP2738438A1; EP0978681A1; AU770104B2; AU2006233017B2; ES2346120A1; WO0055539A1; WO2006107461A3; WO2014067862A1; US7588054B2; US7426941B2; US7306011B2

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